

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kobayashi et al.

Appl. No.: UNASSIGNED

Filed: HEREWITH

For: "Display Unit Storing and Using a
Cryptography Key"

Art Unit: UNASSIGNED

Examiner: UNASSIGNED

Attorney Docket No.: GNSS-0019

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
37 C.F.R. § 1.9 (f) AND 1.27(c) - SMALL BUSINESS CONCERN

I hereby declare that I am:

- The owner of a small business concern identified below.
- An official of the small business concern empowered to act on behalf of the concern identified below.

Name: Genesis Microchip Corp.

Address: 2150 Gold Street, Alviso, CA 95002

I hereby declare that the above identified small business qualifies as a small business concern as defined in 13 C.F.R. § 121.12. And reproduced in 37 C.F.R. § 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35 U.S.C. in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified below with regard to the invention

entitled: "Display Unit Storing and Using a Cryptography Key"

by inventor(s): Kobayashi et al.

described in

- The specification filed herewith
- Application SC/Serial No. _____ Filed: _____
- Patent No. _____ Issued _____

If the rights held by the above-identified small business concern are not exclusive, each

individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who coupled not qualify as a small business concern under 37 C.F.R. § 1.9 (d) or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d) or a nonprofit organization under 37 C.F.R. § 1.9(e).

NAME: _____

ADDRESS: _____

Individual Small Business Concern Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 C.F.R. § 1.28 (b)).

I hereby declare that the all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which verified statement is directed.

Name of Person Signing: Mr. Jeffrey Diamond

Title of Person Signing: Chief Operating Officer

Address of Person Signing: 2150 Gold Street, Alviso, CA 95002

Signature: Jeffrey Diamond

Date : August 15, 2000

Note: Separate Verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. § 1.27).

Title 37. Code of Federal Regulations, § 1.9(c-f)

(c) An **independent inventor** as used in this chapter means any inventor who (1) has not assigned, granted, conveyed, or licensed, and (2) is under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who could not likewise be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as small business concern or a nonprofit organization under this section.

(d) A **small business concern** as used in this chapter means any business concern as defined by the Small business Administration in 13 C.F.R. 121.12. For the convenience of the users of these regulations, that definition states:

121.12 Small Business for paying reduced fees.
(a) Pursuant to Pub. L. 97-247, a small business concern for purposes of paying reduced fees under 35 U.S. Code 41(a) and (b) to the Patent and Trademark Office means any business concern (1) whose number of employees, including those of its affiliates, does not exceed 500 persons and (2) which has not assigned, granted, conveyed or licensed, and is under no obligation under contract or law to assign, convey, or license, any rights in the invention to any person who could not be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization under this section. For the purpose of this section concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both. The number of employees of the business concern is the average over the fiscal year of the persons of the fiscal year. Employees are those persons employed on a full-time, part-time or temporary basis during the previous fiscal year

of the concern.

(e) A **nonprofit organization** as used in this chapter means (1) a university or other institution of higher education located in any country; (2) an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)(2)) and exempt from taxation under section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)(3)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)); (3) any nonprofit scientific or educational organization qualified under a nonprofit organization statute of a state of this country (35 U.S.C. 201(i)); or (4) any nonprofit organization located in a foreign country which would qualify as a nonprofit organization under paragraphs (e)(2) or (3) of this section if it were located in this country.

(f) A **small entity** as used in this chapter means an **independent inventor**, a **small business concern** or a **nonprofit organization**.

DISPLAY UNIT STORING AND USING A CRYPTOGRAPHY KEY**Inventors**

Osamu Kobayashi 1431 Ormsby Drive Sunnyvale, CA 94087 Citizenship: Japan	Ali Noorbakhsh 116 Shadow Creek Court Danville, CA 94506 USA Citizenship: USA
Chia-Lun Hang 15727 Casino Rea Morgan Hill, CA 95037 Citizenship: USA	Jih-Hsien Soong 21712 Columbus Avenue Cupertino, CA 95014 Citizenship: USA
Tzoyao Chan 20237 Marillt Court Saratoga, CA 95070 Citizenship: USA	

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Alviso, CA 95002
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Attorney:

Law Firm of Naren Thappeta
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Newark, California 94560
(510) 252-9980 (Phone)
(510) 252-9982 (Fax)

Combined Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, "Display Unit Storing and Using a Cryptography Key" the specification of which is attached hereto unless the following box is checked:

- was filed on _____;
as United States Application Number or PCT International Application Number _____; and
was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	Priority Claimed
_____	[] Yes [x] No
(Application No.)	(Country)
_____	(Day/Month/Year Filed)
_____	[] Yes [x] No
(Application No.)	(Country)
_____	(Day/Month/Year Filed)
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.	
60/184,999	February 25, 2000
(Application No.)	(Filing Date)
_____	(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
_____	_____	(Status - patented, pending, abandoned)
_____	_____	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Narendra Reddy Thappeta, Esq., Registration Number: 41,416

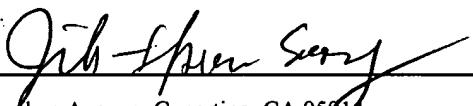
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First inventor: Osamu Kobayashi	
Inventor's signature	Date
	August 8, 2000
Residence: 1431 Ormsby Drive, Sunnyvale, CA 94087	
Citizenship: Japan	
Post Office Address: Same as above	
Full name of joint inventor: Ali Noorbakhsh	
Inventor's signature	Date
	August 8, 2000
Residence: 116 Shadow Creek Court, Danville, CA 94506 USA	
Citizenship: U.S.A.	
Post Office Address: Same as above	
Full name of joint inventor: Chia-Lun Hang	
Inventor's signature	Date
	August 11, 2000
Residence: 15727 Casino Rea, Morgan Hill, CA 95037	
Citizenship: U.S.A.	
Post Office Address: Same as above	

Full name of joint inventor: Jih-Hsien Soong	
Inventor's signature	Date
	August 8, 2000
Residence: 21712 Columbus Avenue, Cupertino, CA 95014	
Citizenship: U.S.A.	
Post Office Address: Same as above	
Full name of joint inventor: Tzoyao Chan	
Inventor's signature	Date
	August 8, 2000
Residence: 20237 Marillt Court, Saratoga, CA 95070	
Citizenship: U.S.A.	
Post Office Address: Same as above	

37 § C.F.R. 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teaching of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office; Which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of a claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of an existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner described by sections 1.97(b)-(d) and 1.98. However no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applications to carefully examine:
- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individual associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of un patentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the application takes in:
 - (I) opposing an argument of un patentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.
- A prima facie case of un patentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term of the claim its broadest reasonable construction consistent with the specification, and before any considerations given to evidence which may be submitted in an attempt to establish a contrary conclusion of a patentability.
- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or procures the application; and
 - (3) Every other person who is substantively involved in the preparation of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
 - (4) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent or inventor.